SEQUENCE LISTING

<110> O'Brien, Timothy J.

<120> Compositions and Methods for the Early Diagnosis of Ovarian Cancer

<130> D6223CIP/C/Div

<141> 2001-07-13
<150> US 09/502,600
<151> 2000-02-11

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tanccnccrt trcanccytc 20

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ccnmgntgyg gnrwnccnga 20

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ttrtgnccna nytcrtg 17

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cctgttggcc atagtactgc 20

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ccagtaagtc cttgtaaacc 20

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aagggacacg agagctgtat 20

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aagtggtagt tggaggaagc 20

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attggagaga gaaaggctac 20

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cttgggattg tacttacagg 20

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cttccaaagt ggtcacctac 20

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ctagactgct accatccgtc 20

<210> 18
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tgcattgaca acgaggc 17

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caggtggatg tatgcacact 20

<210> 22
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<400> 22
gcgcactgtg tttatgagat 20

<210> 23
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ctctttggct tgtacttgct 20

<210> 24
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tgagggacat cattatgcac 20

<210> 25
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<400> 25
caagttttcc ccataattgg 20

<210> 26
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<400> 26
acagtacgcc tgggagacca 20

<210> 27
<211> 20
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<220>

<221> primer_bind

<223> antisense oligonucleotide primer specific for TADG-14

<400> 27
ctgagacggt gcaattctgg 20

<210> 28
<211> 12
<212> PRT
<213> Unknown

<220>

<221> CHAIN
<223> a poly-lysine linked multiple Ag peptide derived from SCCE protein sequences

<400> 28
Pro Leu Gln Ile Leu Leu Leu Ser Leu Ala Leu Glu
5 10

<210> 29
<211> 12
<212> PRT
<213> Unknown

<220>

<221> CHAIN
<223> a poly-lysine linked multiple Ag peptide derived from SCCE protein sequences

<400> 29
Ser Phe Arg His Pro Gly Tyr Ser Thr Gln Thr His
5 10

<210> 30
<211> 969
<212> DNA
<213> *Homo sapiens*

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<221> mat_peptide
<223> full length cDNA of SCCE

<400> 30
ttgagggttt tgtgtttctt tatttgtttt ggttttaggt ctttaccaat 50
ttgattggtt tatcaacagg gcatgaggtt taaatatatc tttgaggaaa 100
ggtaaagtca aatttgactt cataggtcat cggcgtcctc actcctgtgc 150
attttctgtt ggaagcacac agttaattaa ctcagtgtgg cgttagcgat 200
gctttttcat ggtgtcattt atccacttgg tgaacttgca cacttgagtg 250
tagactcctg ggtcattggg ttggccgcaa gggaaagttc cccaggacac 300
cagaccttgc agggtacctc tgcacaccaa cggtcccccc gagtcaccat 350

tgcaggcgtt tttcttggag tcggggatgc cagcgcacag catggaattt 400
tccagtaagt ccttgtaaac cttcgtgcag tcctgggggg agatgagctt 450
gacatccacg cacatgaggt cagagggaaa ggtcacatct gggctcgtgg 500
tagtgcccca gccggagaca gtacaggtgg ttccaggggg ttcgcagcgg 550
gagggcagcc tgactttctt caccatggat gacagcctgg cctggctatt 600
gagcttcacg agcatgaggt cattaacatg ggtctgtgtg gagtagccgg 650
ggtggcggaa tgacttcgag gccttgatcc tctgagctct cctgtcgccc 700
agcgtatcac tgcccaggtg cacggtgtac tcattcatct tgcagtgggc 750
ggcagtgagc acccagcgct cattgaccag gacgcctccg cagtggagct 800
gattgccact gagcagggcc acctgccatg ggtgggagcc tcttgcacat 850
ggggcgccat caataatctt gtcaccctgg gcttcttctc ctgcagtttc 900
caaggctaag gatagcagta ggatctgcag gggcaggaga agggatcttg 950
ccatggagcc cggaaatcc 969

<210> 31
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<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 72-80 of the SCCE protein

<400> 31
Lys Met Asn Glu Tyr Thr Val His Leu
5

<210> 32
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<212> PRT
<213> *Homo sapiens*

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<223> Residues 123-131 of the SCCE protein

<400> 32
Arg Leu Ser Ser Met Val Lys Lys Val
5

<210> 33
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 5-13 of the SCCE protein

<400> 33
Leu Leu Leu Pro Leu Gln Ile Leu Leu
5

<210> 34
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 58-66 of the SCCE protein

<400> 34
Val Leu Val Asn Glu Arg Trp Val Leu
5

<210> 35
<211> 9
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<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 6-14 of the SCCE protein

<400> 35
Leu Leu Pro Leu Gln Ile Leu Leu Leu
5

<210> 36
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<212> PRT
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<223> Residues 4-12 of the SCCE protein

<400> 36
Ser Leu Leu Leu Pro Leu Gln Ile Leu
5

<210> 37
<211> 9
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<223> Residues 52-60 of the SCCE protein

<400> 37

Gln Leu His Cys Gly Gly Val Leu Val
5

<210> 38
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<400> 38
Leu Leu Leu Ser Leu Ala Leu Glu Thr
5

<210> 39
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<223> Residues 163-171 of the SCCE protein

<400> 39
Leu Met Cys Val Asp Val Lys Leu Ile
5

<210> 40
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<213> *Homo sapiens*

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<223> Residues 57-65 of the SCCE protein

<400> 40
Gly Val Leu Val Asn Glu Arg Trp Val
5

<210> 41
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<213> *Homo sapiens*

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<223> Residues 237-245 of the SCCE protein

<400> 41
Gln Val Cys Lys Phe Thr Lys Trp Ile
5

<210> 42
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<221> CHAIN
<223> Residues 169-177 of the SCCE protein

<400> 42
Lys Leu Ile Ser Pro Gln Asp Cys Thr
5

<210> 43
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<212> PRT
<213> *Homo sapiens*

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<223> Residues 10-18 of the SCCE protein

<400> 43
Gln Ile Leu Leu Leu Ser Leu Ala Leu
5

<210> 44
<211> 9
<212> PRT
<213> *Homo sapiens*

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<223> Residues 29-37 of the SCCE protein

<400> 44
Lys Ile Ile Asp Gly Ala Pro Cys Ala
5

<210> 45
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<213> *Homo sapiens*

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<223> Residues 215-223 of the SCCE protein

<400> 45
Leu Gln Gly Leu Val Ser Trp Gly Thr
5

<210> 46
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<223> Residues 13-21 of the SCCE protein

<400> 46
Leu Leu Ser Leu Ala Leu Glu Thr Ala
5

<210> 47
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<223> Residues 114-122 of the SCCE protein

<400> 47
Met Leu Val Lys Leu Asn Ser Gln Ala
5

<210> 48
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<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 47-55 of the SCCE protein

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Leu Leu Ser Gly Asn Gln Leu His Cys
5

<210> 49
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<212> PRT
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<221> CHAIN
<223> Residues 65-73 of the SCCE protein

<400> 49
Val Leu Thr Ala Ala His Cys Lys Met
5

<210> 50
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 59-67 of the SCCE protein

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Leu Val Asn Glu Arg Trp Val Leu Thr
5

<210> 51
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 51-59 of the SCCE protein

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Asn Gln Leu His Cys Gly Gly Val Leu
5

<210> 52
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 77-85 of the SCCE protein

<400> 52
Thr Val His Leu Gly Ser Asp Thr Leu
5

<210> 53
<211> 9
<212> PRT

<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 45-53 of the SCCE protein

<400> 53
Val Ala Leu Leu Ser Gly Asn Gln Leu
5

<210> 54
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<212> PRT
<213> *Homo sapiens*

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<400> 54
Asp Leu Met Cys Val Asp Val Lys Leu
5

<210> 55
<211> 9
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<223> Residues 218-226 of the SCCE protein

<400> 55
Leu Val Ser Trp Gly Thr Phe Pro Cys
5

<210> 56
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<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 145-153 of the SCCE protein

<400> 56
Thr Val Ser Gly Trp Gly Thr Thr Thr
5

<210> 57

<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

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<223> Residues 136-144 of the SCCE protein

<400> 57
Arg Cys Glu Pro Pro Gly Thr Thr Cys
5

<210> 58
<211> 9
<212> PRT
<213> *Homo sapiens*

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<223> Residues 81-89 of the SCCE protein

<400> 58
Gly Ser Asp Thr Leu Gly Asp Arg Arg
5

<210> 59
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<212> PRT
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<221> CHAIN
<223> Residues 30-38 of the SCCE protein

<400> 59
Ile Ile Asp Gly Ala Pro Cys Ala Arg
5

<210> 60
<211> 9
<212> PRT
<213> *Homo sapiens*

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<223> Residues 183-191 of the SCCE protein

<400> 60
Leu Leu Glu Asn Ser Met Leu Cys Ala
5

<210> 61
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<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 21-29 of the SCCE protein

<400> 61
Ala Gly Glu Glu Ala Gln Gly Asp Lys
5

<210> 62
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 235-243 of the SCCE protein

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Tyr Thr Gln Val Cys Lys Phe Thr Lys
5

<210> 63
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 170-178 of the SCCE protein

<400> 63
Leu Ile Ser Pro Gln Asp Cys Thr Lys
5

<210> 64
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 245-253 of the SCCE protein

<400> 64

Ile Asn Asp Thr Met Lys Lys His Arg
5

<210> 65
<211> 9
<212> PRT
<213> *Homo sapiens*

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<223> Residues 157-165 of the SCCE protein

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Val Thr Phe Pro Ser Asp Leu Met Cys
5

<210> 66
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<212> PRT
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<223> Residues 109-117 of the SCCE protein

<400> 66
His Val Asn Asp Leu Met Leu Val Lys
5

<210> 67
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<212> PRT
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<221> CHAIN
<223> Residues 17-25 of the SCCE protein

<400> 67
Ala Leu Glu Thr Ala Gly Glu Glu Ala
5

<210> 68
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<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 151-159 of the SCCE protein

<400> 68
Thr Thr Thr Ser Pro Asp Val Thr Phe
5

<210> 69
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 68-76 of the SCCE protein

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Ala Ala His Cys Lys Met Asn Glu Tyr
5

<210> 70
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 173-181 of the SCCE protein

<400> 70
Pro Gln Asp Cys Thr Lys Val Tyr Lys
5

<210> 71
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<221> CHAIN
<223> Residues 204-212 of the SCCE protein

<400> 71
Asp Ser Gly Gly Pro Leu Val Cys Arg
5

<210> 72
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 39-47 of the SCCE protein

<400> 72
Gly Ser His Pro Trp Gln Val Ala Leu
5

<210> 73
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 222-230 of the SCCE protein

<400> 73
Gly Thr Phe Pro Cys Gly Gln Pro Asn
5

<210> 74
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 165-173 of the SCCE protein

<400> 74
Cys Val Asp Val Lys Leu Ile Ser Pro
5

<210> 75
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 110-118 of the SCCE protein

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Val Asn Asp Leu Met Leu Val Lys Leu
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<210> 76
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 179-187 of the SCCE protein

<400> 76
Val Tyr Lys Asp Leu Leu Glu Asn Ser
5

<210> 77
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 105-113 of the SCCE protein

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Ser Thr Gln Thr His Val Asn Asp Leu
5

<210> 78
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 234-242 of the SCCE protein

<400> 78
Val Tyr Thr Gln Val Cys Lys Phe Thr
5

<210> 79
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 125-133 of the SCCE protein

<400> 79
Ser Ser Met Val Lys Lys Val Arg Leu
5

<210> 80
<211> 9
<212> PRT

<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 207-215 of the SCCE protein

<400> 80
Gly Pro Leu Val Cys Arg Gly Thr Leu
5

<210> 81
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 51-59 of the SCCE protein

<400> 81
Asn Gln Leu His Cys Gly Gly Val Leu

<210> 82
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 175-183 of the SCCE protein

<400> 82
Asp Cys Thr Lys Val Tyr Lys Asp Leu
5

<210> 83
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 103-111 of the SCCE protein

<400> 83
Gly Tyr Ser Thr Gln Thr His Val Asn
5

<210> 84
<211> 9

<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 201-209 of the SCCE protein

<400> 84
Cys Asn Gly Asp Ser Gly Gly Pro Leu
5

<210> 85
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 210-218 of the SCCE protein

<400> 85
Val Cys Arg Gly Thr Leu Gln Gly Leu
5

<210> 86
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 1-9 of the SCCE protein

<400> 86
Met Ala Arg Ser Leu Leu Leu Pro Leu
5

<210> 87
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 125-133 of the SCCE protein

<400> 87
Ser Ser Met Val Lys Lys Val Arg Leu
5

<210> 88
<211> 9
<212> PRT
<213> *Homo sapiens*

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<221> CHAIN
<223> Residues 156-164 of the SCCE protein

<400> 88
Asp Val Thr Phe Pro Ser Asp Leu Met
5

<210> 89
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 72-80 of the SCCE protein

<400> 89
Lys Met Asn Glu Tyr Thr Val His Leu
5

<210> 90
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 107-115 of the SCCE protein

<400> 90
Gln Thr His Val Asn Asp Leu Met Leu
5

<210> 91
<211> 9
<212> PRT
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<220>

<221> CHAIN
<223> Residues 176-184 of the SCCE protein

<400> 91
Cys Thr Lys Val Tyr Lys Asp Leu Leu

5

<210> 92
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 138-146 of the SCCE protein

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phe Pro Pro Gly Thr Thr Cys Thr Val
5

<210> 93
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 70-78 of the SCCE protein

<400> 93
His Val Lys Met Asn Glu Tyr Thr Val
5

<210> 94
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 175-183 of the SCCE protein

<400> 94
Asp Cys Thr Lys Val Tyr Lys Asp Leu
5

<210> 95
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 119-127 of the SCCE protein

<400> 95
Asn Ser Gln Ala Arg Leu Ser Ser Met
5

<210> 96
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 241-249 of the SCCE protein

<400> 96
Phe Thr Lys Trp Ile Asn Asp Thr Met
5

<210> 97
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 90-98 of the SCCE protein

<400> 97
Ala Gln Arg Ile Lys Ala Ser Lys Ser
5

<210> 98
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 238-246 of the SCCE protein

<400> 98
Val Cys Lys Phe Thr Lys Trp Ile Asn
5

<210> 99
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN

<223> Residues 91-99 of the SCCE protein

<400> 99
Gln Arg Ile Lys Ala Ser Lys Ser Phe
5

<210> 100
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 62-70 of the SCCE protein

<400> 100
Glu Arg Trp Val Leu Thr Ala Ala His
5

<210> 101
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 211-219 of the SCCE protein

<400> 101
Cys Arg Gly Thr Leu Gln Gly Leu Val
5

<210> 102
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 135-143 of the SCCE protein

<400> 102
Ser Arg Cys Glu Pro Pro Gly Thr Thr
5

<210> 103
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 37-45 of the SCCE protein

<400> 103
Ala Arg Gly Ser His Pro Trp Gln Val
5

<210> 104
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 227-235 of the SCCE protein

<400> 104
Gly Gln Pro Asn Asp Pro Gly Val Tyr
5

<210> 105
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 236-244 of the SCCE protein

<400> 105
Thr Gln Val Cys Lys Phe Thr Lys Trp
5

<210> 106
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 88-96 of the SCCE protein

<400> 106
Arg Arg Ala Gln Arg Ile Lys Ala Ser
5

<210> 107
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 87-95 of the SCCE protein

<400> 107
Asp Arg Arg Ala Gln Arg Ile Lys Ala
5

<210> 108
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 233-241 of the SCCE protein

<400> 108
Gly Val Tyr Thr Gln Val Cys Lys Phe
5

<210> 109
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 72-80 of the SCCE protein

<400> 109
Lys Met Asn Glu Tyr Thr Val His Leu
5

<210> 110
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 122-130 of the SCCE protein

<400> 110
Ala Arg Leu Ser Ser Met Val Lys Lys
5

<210> 111
<211> 9

<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 120-128 of the SCCE protein

<400> 111
Ser Gln Ala Arg Leu Ser Ser Met Val
5

<210> 112
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 9-17 of the SCCE protein

<400> 112
Leu Gln Ile Leu Leu Leu Ser Leu Ala
5

<210> 113
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 215-223 of the SCCE protein

<400> 113
Leu Gln Gly Leu Val Ser Trp Gly Thr
5

<210> 114
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 131-139 of the SCCE protein

<400> 114
Val Arg Leu Pro Ser Arg Cys Glu Pro
5

<210> 115
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 106-114 of the SCCE protein

<400> 115
Thr Gln Thr His Val Asn Asp Leu Met
5

<210> 116
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 2-10 of the SCCE protein

<400> 116
Ala Arg Ser Leu Leu Leu Pro Leu Gln
5

<210> 117
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 99-107 of the SCCE protein

<400> 117
Phe Arg His Pro Gly Tyr Ser Thr Gln
5

<210> 118
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 137-145 of the SCCE protein

<400> 118
Cys Glu Pro Pro Gly Thr Thr Cys Thr

5

<210> 119
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 61-69 of the SCCE protein

<400> 119
Asn Glu Arg Trp Val Leu Thr Ala Ala
5

<210> 120
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 172-180 of the SCCE protein

<400> 120
Ser Pro Gln Asp Cys Thr Lys Val Tyr
5

<210> 121
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 23-31 of the SCCE protein

<400> 121
Glu Glu Ala Gln Gly Asp Lys Ile Ile
5

<210> 122
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 74-82 of the SCCE protein

<400> 122
Asn Glu Tyr Thr Val His Leu Gly Ser
5

<210> 123
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 22-30 of the SCCE protein

<400> 123
Gly Glu Glu Ala Gln Gly Asp Lys Ile
5

<210> 124
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 216-224 of the SCCE protein

<400> 124
Gln Gly Leu Val Ser Trp Gly Thr Phe
5

<210> 125
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 32-40 of the SCCE protein

<400> 125
Asp Gly Ala Pro Cys Ala Arg Gly Ser
5

<210> 126
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN

<223> Residues 230-238 of the SCCE protein

<400> 126
Asn Asp Pro Gly Val Tyr Thr Gln Val
5

<210> 127
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 227-235 of the SCCE protein

<400> 127
Gly Gln Pro Asn Asp Pro Gly Val Tyr
5

<210> 128
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 111-119 of the SCCE protein

<400> 128
Asn Asp Leu Met Leu Val Lys Leu Asn
5

<210> 129
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 191-199 of the SCCE protein

<400> 129
Ala Gly Ile Pro Asp Ser Lys Lys Asn
5

<210> 130
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 91-99 of the SCCE protein

<400> 130
Gln Arg Ile Lys Ala Ser Lys Ser Phe
5

<210> 131
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 236-244 of the SCCE protein

<400> 131
Thr Gln Val Cys Lys Phe Thr Lys Trp
5

<210> 132
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 82-90 of the SCCE protein

<400> 132
Ser Asp Thr Leu Gly Asp Arg Arg Ala
5

<210> 133
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 151-159 of the SCCE protein

<400> 133
Thr Thr Thr Ser Pro Asp Val Thr Phe
5

<210> 134
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 181-189 of the SCCE protein

<400> 134
Lys Asp Leu Leu Glu Asn Ser Met Leu
5

<210> 135
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 213-221 of the SCCE protein

<400> 135
Gly Thr Leu Gln Gly Leu Val Ser Trp
5

<210> 136
<211> 9
<212> PRT
<213> *Homo sapiens*

<220>

<221> CHAIN
<223> Residues 141-149 of the SCCE protein

<400> 136
Gly Thr Thr Cys Thr Val Ser Gly Trp
5